

### Work Item Description

#### **Title**

UMTS Interworking with IS-41 networks

#### **Intended Output**

Technical report that is a feasibility study.

#### **Impact on Other Technical Specifications and Technical Reports**

Based on output of this feasibility study a work item may be created.

#### **Technical Scope**

In Korea, there are only certain regions IS-41 Networks provide wide area coverage. In this environment, the and interworking function with IS-41 networks is necessary in order to facilitate the introduction of the 3GPP-UMTS via the use of multimode terminals system in Korea. In order to lead IMT-2000 systems, the general requirements for 3GPP service and system aspects must support functions and structures for interworking with another networks. Accordingly, 3GPP core network must support the interworking function with 3G IS-41 network.

The requirements for the roaming, the hand-over, and the interoperability of VHE in 3G networks will be described in this document on service requirements with the following priorities:

- Global Roaming (mandatory)
- Hand-over (optional)
- VHE Interoperability (optional)
- And so on (For Further Study)

The study should include set of telecommunication services to be supported and relevant security issues. The study should include evaluation of NNI concept currently being elaborated by ITU.

#### **Impact on Other 3GPP Work Items**

This report provides the guidelines for other TSGs and WGs for the definition of Architecture and Networks.

#### **Schedule of Tasks to be Performed.**

<b>Task</b>	<b>Planned Start</b>	<b>Planned Finish</b>
Work Item Creation	15/2/99	23/2/99
Revised Work item Approval by TSG SA	26/4/99	27/4/99
Drafting and discussion	1/4/99	1/12/99
Submission to TSG SA for approval	1/12/99	30/12/99

**Note:** \* These dates are a guess at present

#### **Supporting Individual Members**

All WG1 members

#### **Rapporteur**

SAMSUNG Electronics